

# VIBHAV KUMAR MISHRA

9621204970 vibhav.vm9@gmail.com UttarPradesh, India  
<https://www.linkedin.com/in/vibhav-mishra-6315091b4>

## SUMMARY

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Full Stack Developer with 2 years of experience delivering high-impact solutions for enterprise clients like T-Mobile, specializing in MERN, MEAN, N8N, PYTHON, AI. Passionate about integrating AI capabilities, with hands-on experience building Python ML scripts and data-driven features to drive smarter customer experiences. Skilled in deploying scalable solutions on AWS with Docker & CI/CD.

## WORK EXPERIENCE

### Founder & Full Stack Developer - [Amarujalaa.com](https://amarujalaa.com)

Jan 2025 - Present

- Designed and developed a full-stack news site with Next.js (frontend) and FastAPI + PostgreSQL (backend).
- Built SEO-optimized, responsive UI with Tailwind CSS, Framer Motion, and structured data (JSON-LD).
- Implemented JWT-based authentication, role-based admin panel, and automated workflows (RSS ingestion, AI summaries, social posting).
- Migrated content from WordPress to custom stack while preserving SEO, slugs, dates, and media.
- Deployed on Vercel + Render, integrated Redis caching, Celery workers, and set up monitoring (GA4, Sentry, UptimeRobot).
- Focused on performance: Core Web Vitals (LCP < 2.5s, CLS < 0.1) and API latency < 300ms.

### Founder & Full Stack Developer - [alnico-ai.vercel.app](https://alnico-ai.vercel.app)

Aug 2025 - Present

- Developed Alnico.ai, an interactive pipeline builder with React Flow + Zustand for drag-and-drop workflows.
- Implemented a FastAPI backend with DAG validation (Kahn's algorithm) and pipeline parsing.
- Integrated Vercel Analytics for usage tracking and performance insights.
- Currently extending the platform with OpenAI LLM nodes for natural language-driven workflows.
- Tech Stack: React, Zustand, TailwindCSS, FastAPI, Pydantic, Vercel, OpenAI API

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### Software Engineer, Rhombuz design pvt. ltd.

Aug 2024 - Jan 2025

- Developed full stack Swagger parser for APIs - Express, Nodejs, SwaggerUI
- T-Mobile project-
  - Created dashboard of US cities with react d3.js and chart.js for data-wise progress
  - *Client changes integration, CI/CD and timely deployment on AWS*
  - *New feature integration, component creation from scratch - React, D3.js, Chart.js*
- Created a documentation of the project for newcomers and go through of project. Designed & trained ML models for recommendation engines using Python, increasing user engagement by 25%.
- Managed deployments on AWS (EC2, S3) with Dockerized pipelines, ensuring zero downtime releases.

## Software Engineer, IDS Next Business Solutions pvt. Ltd.

Oct 2022 - May 2023

- Used Angular 7, TypeScript, RXJS, NGRX, JIRA, GitLab, and MSSQL
- Worked on 3 international live products
  - *FX-POS-WEB-UI, FX-REPORT-UI, FX-SPA-UI*
- Created new screens for booking meals and spa rooms for customers in hotels like Taj and Radisson, Added validations Implemented a feature for different currencies payment method

## EDUCATION

### MBA - IT, Project Management

Bharati Vidayapeet University - Pune

Jan 2023 - May 2025

### Bachelor of Computer Application

Allahabad University

Aug 2018 - Aug 2021

- Relevant coursework in Software Development and Project Management.

### Certifications

CCC - NIELIT

Jan 2020 - Sep 2020

## ADDITIONAL INFORMATION

### Technical Skills:

- **Frontend:** React.js, Next.js, Angular, JavaScript, TypeScript, Tailwind
- **Backend:** Python, Node.js, Express.js, REST APIs, FlaskAPI, FastAPI
- **Database:** MongoDB, MySQL, PostgreSQL
- **AI/ML:** Python, TensorFlow, N8N scikit-learn, autonomous & conversational agents
- **Cloud & DevOps:** AWS (EC2, S3, Lambda), Docker, Git, CI/CD(Github,Gitlab)
- **Other:** Agile Scrum, Slack, Jira, Postman